

Example User/Website Interaction Data (sorted by user and browsing session)

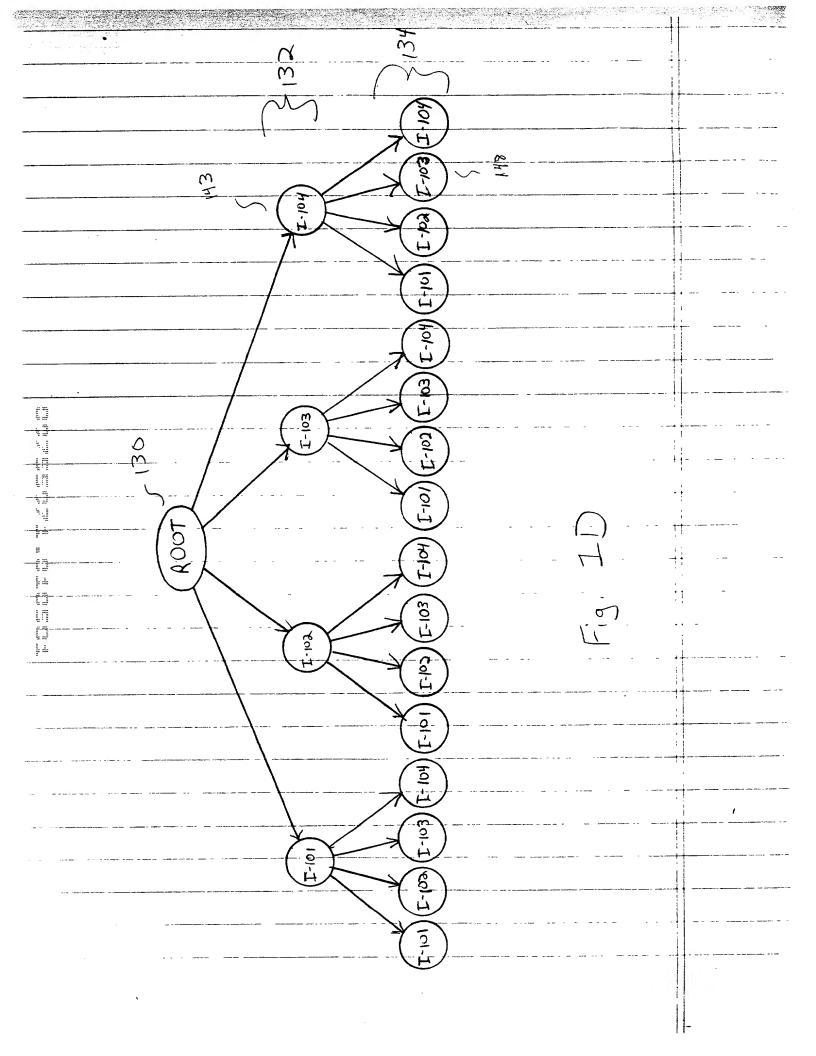
123	Browsing Session Interaction Element Identifier	1 I-103	1 1-104	3 I-101	3 I-102	3 I-102	4 I-101	4 I-102	4 I-102	5 I-103	5 I-104	7 I-102	7 I-104	7 I-103	6 I-101	6 I-104	6 I-102	6 I-103	6 I-102	6 I-105	2 I-101	2 I-102		2 I-104	2 I-106	2 I-107	•••	. 2 I-149	7 1-150
122		1		-		-	2	2	2	3	3	3	3	3	4	4	4	4	4	4	5	5	5	5	5	5		5	4

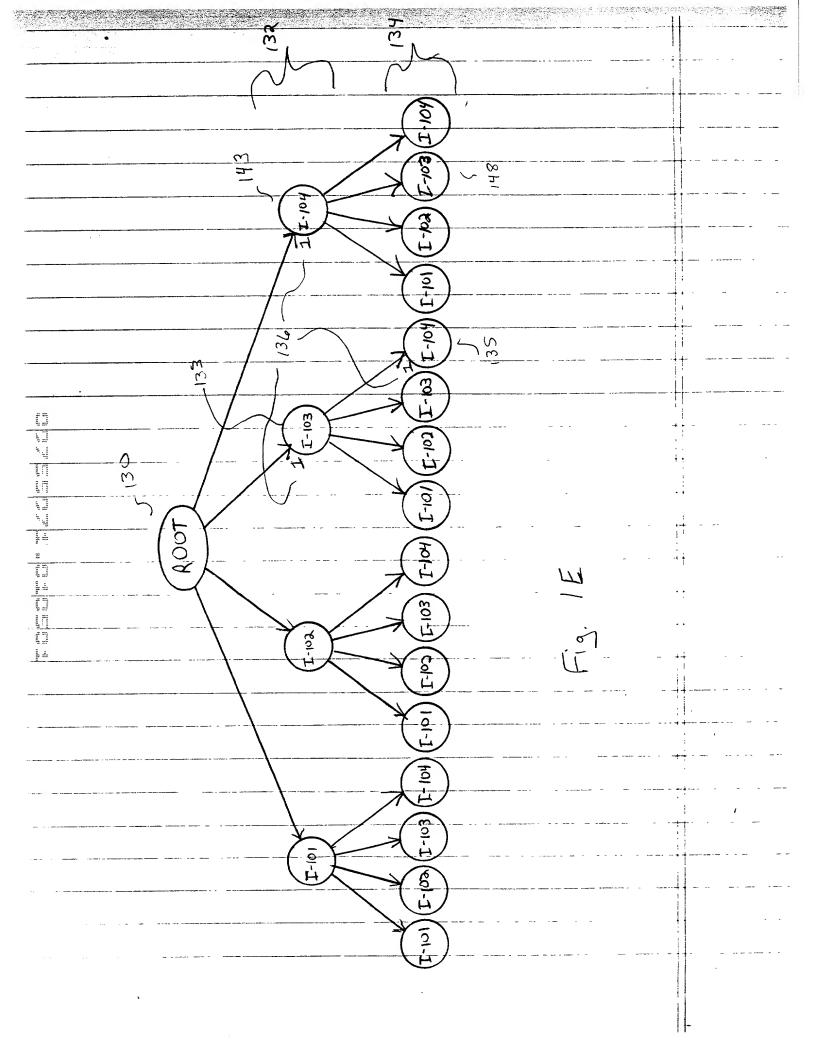
Figure 1B

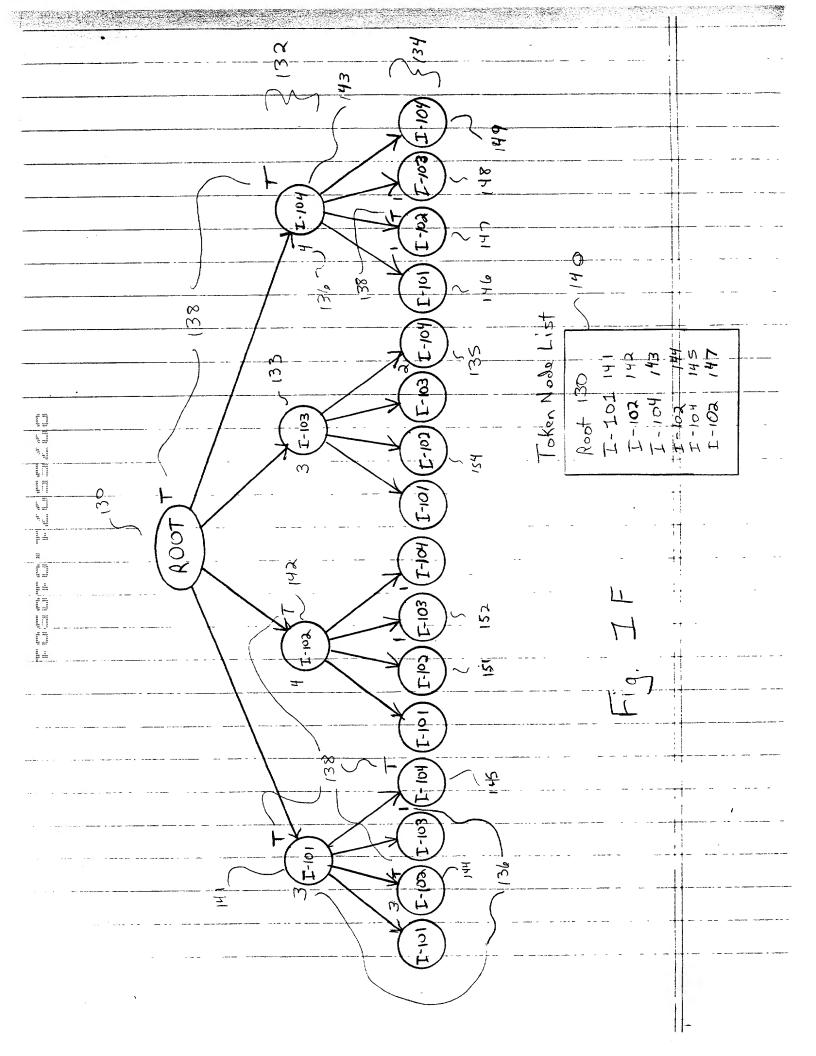
Example Interaction Element Session Frequency

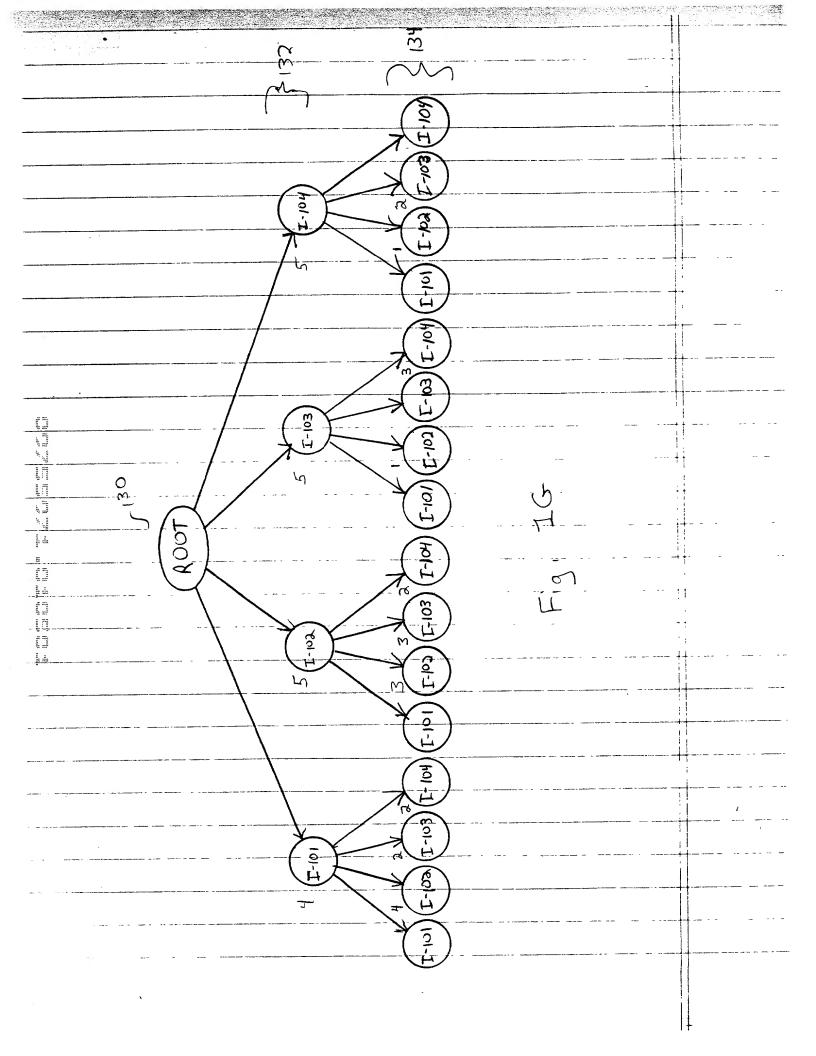
128	Interaction Element Identifier Sessions With Interaction	5	5	5	4	1	1			1	1
126	Interaction Element Identi	I-102	1-103	I-104	1-101	I-105	1-106	1-107	•••	I-149	I-150
			•		•	-		SC)			

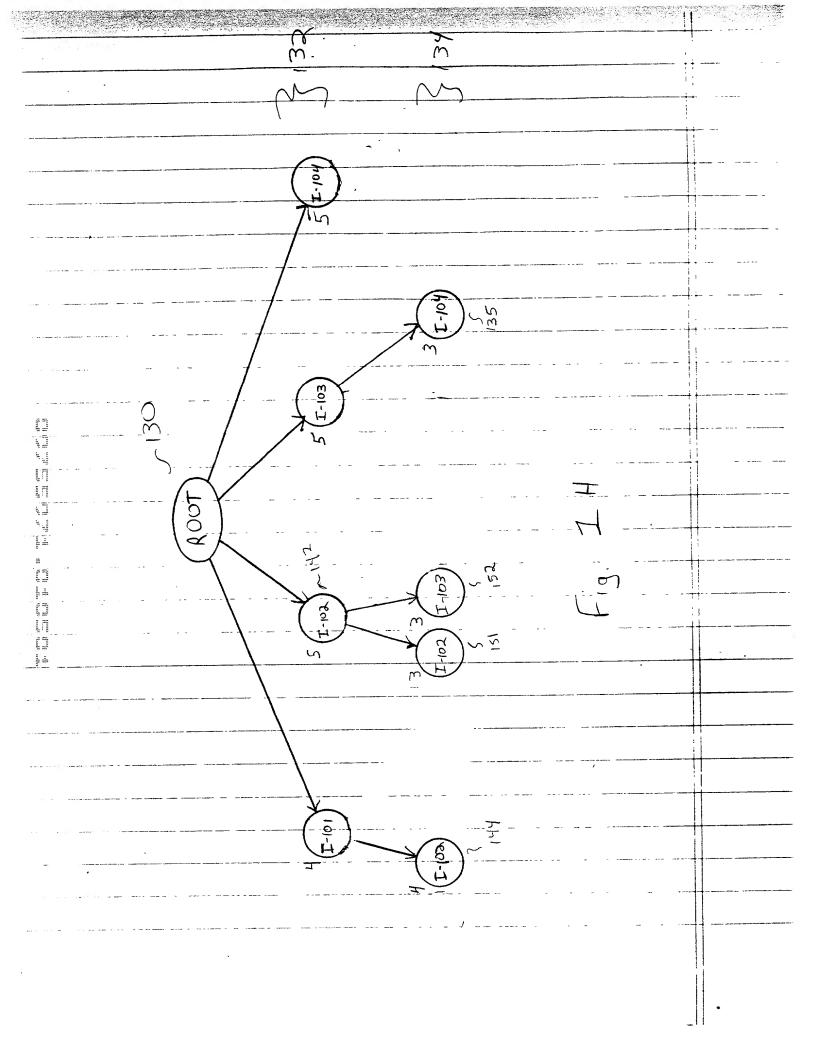
Figure 1C

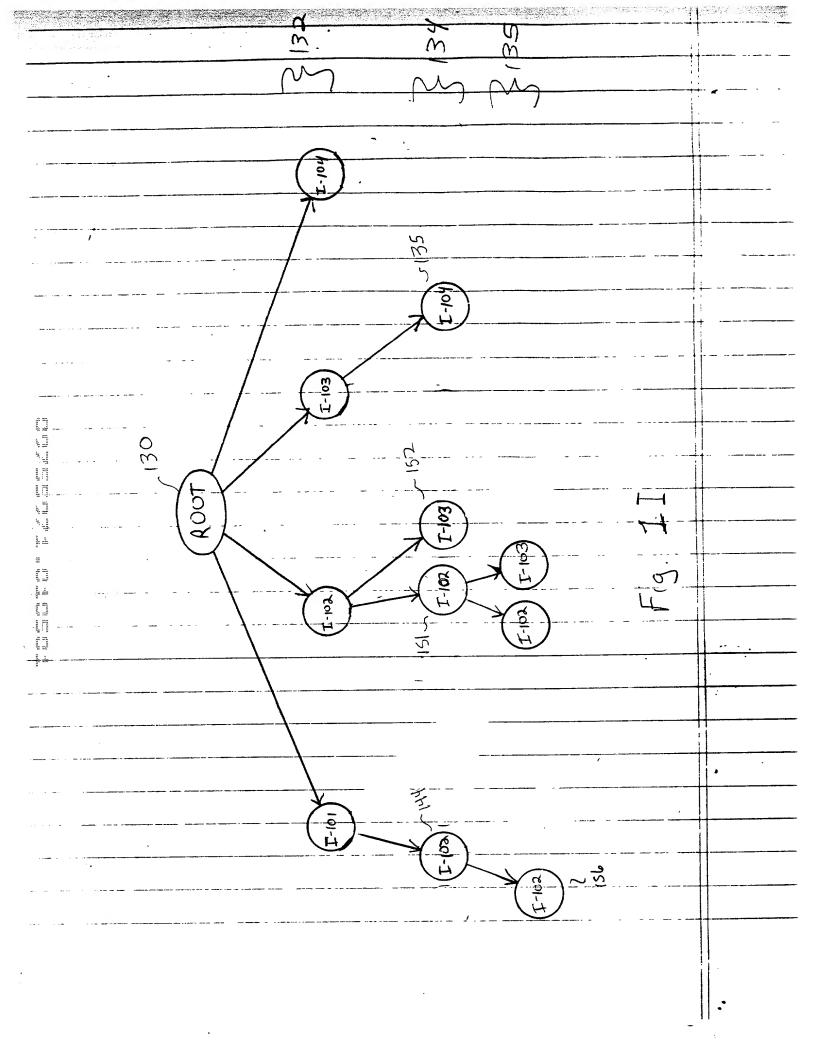


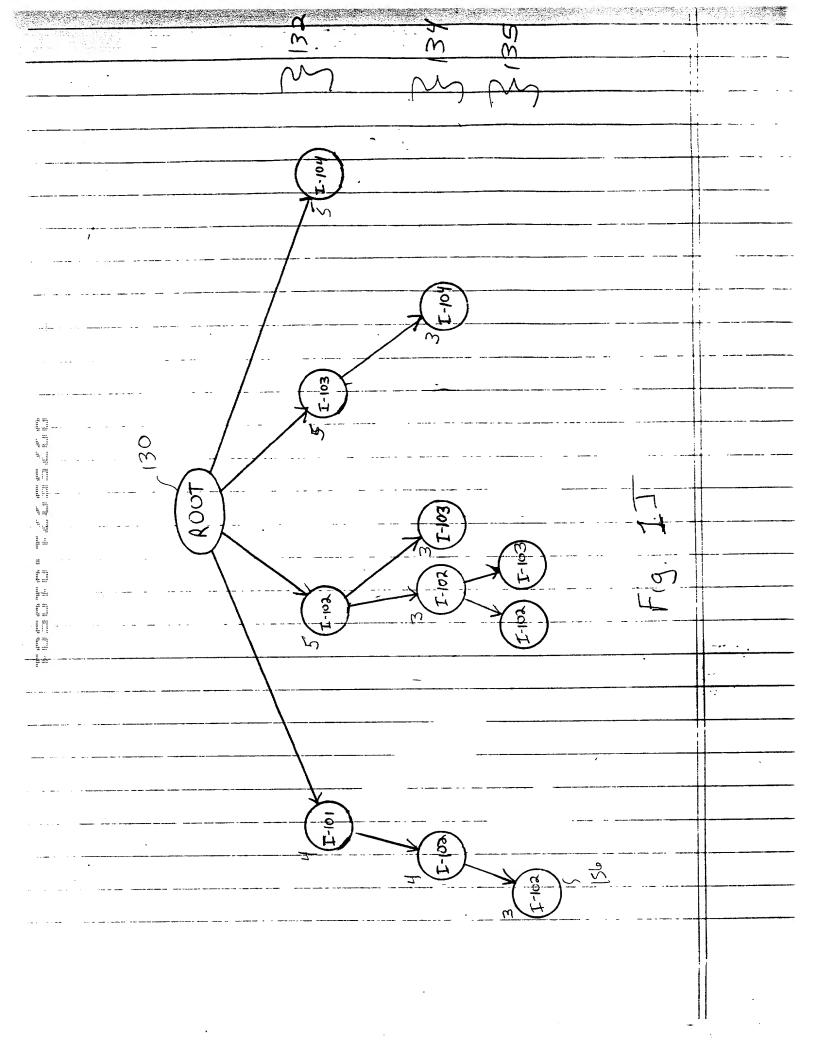


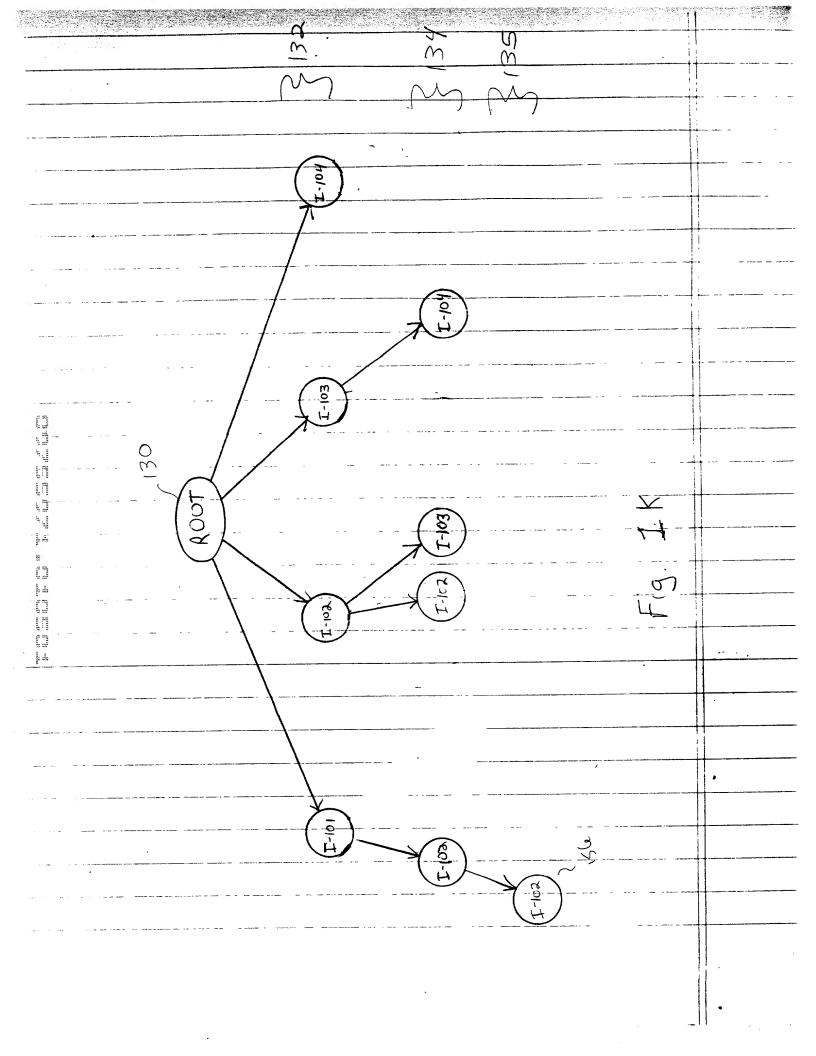


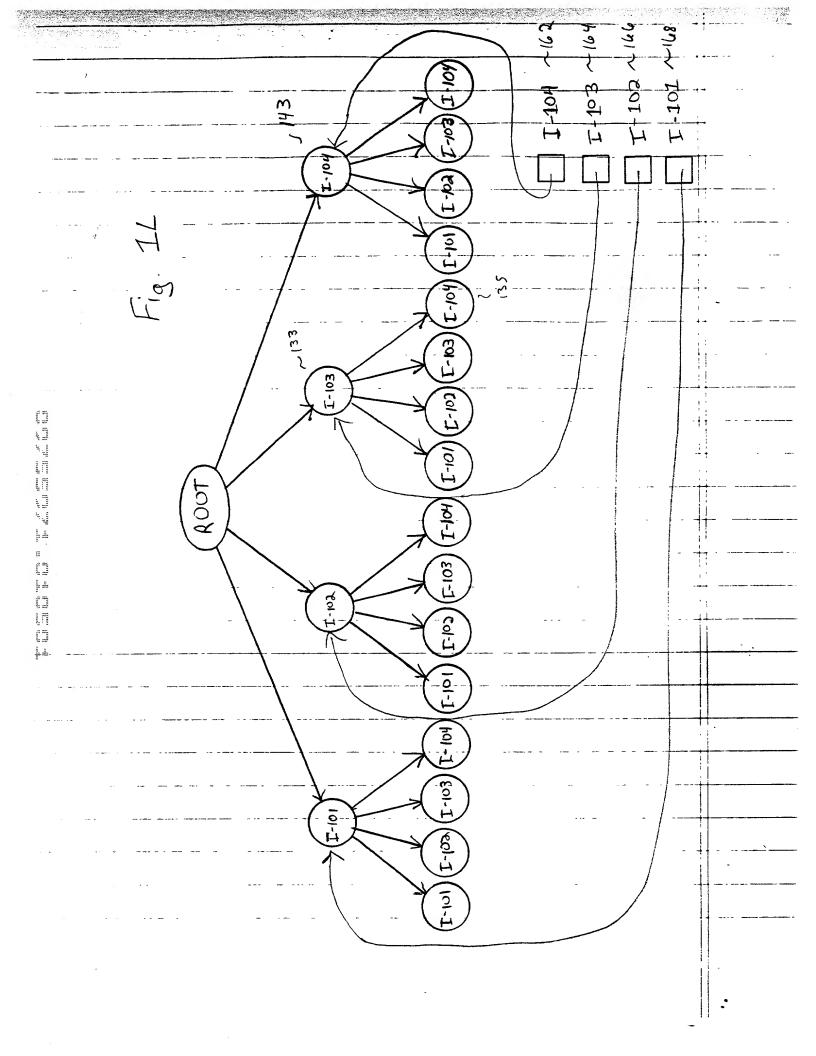


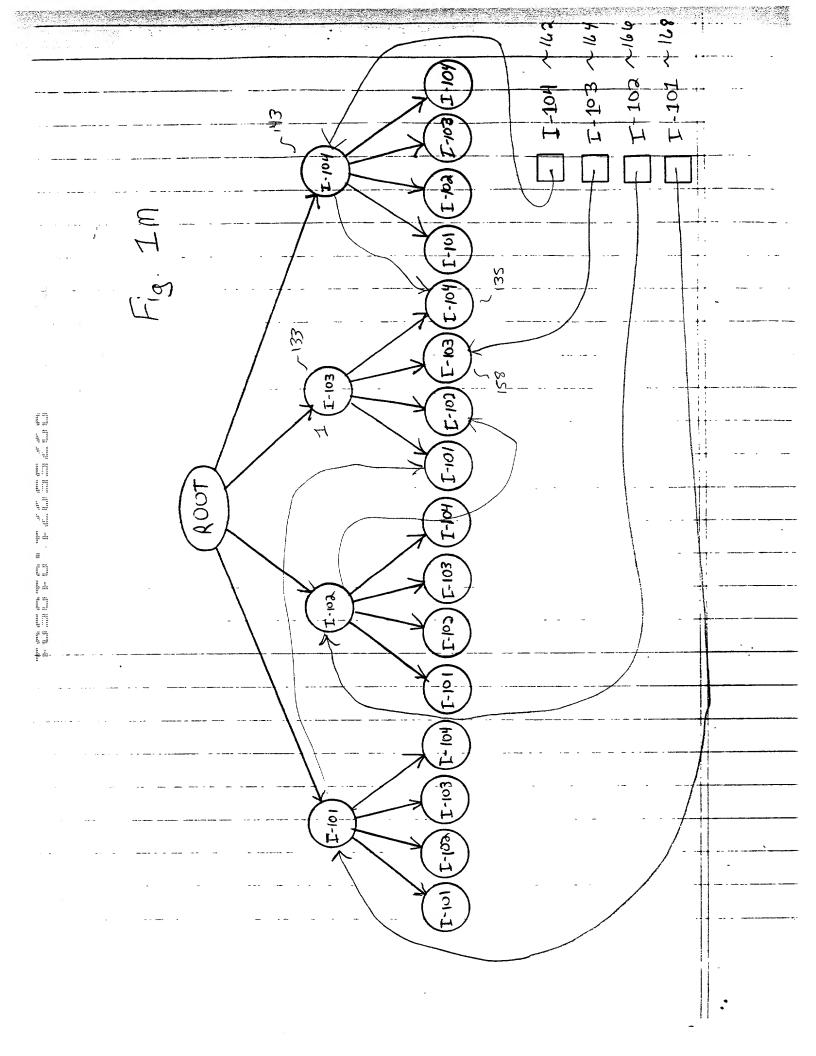


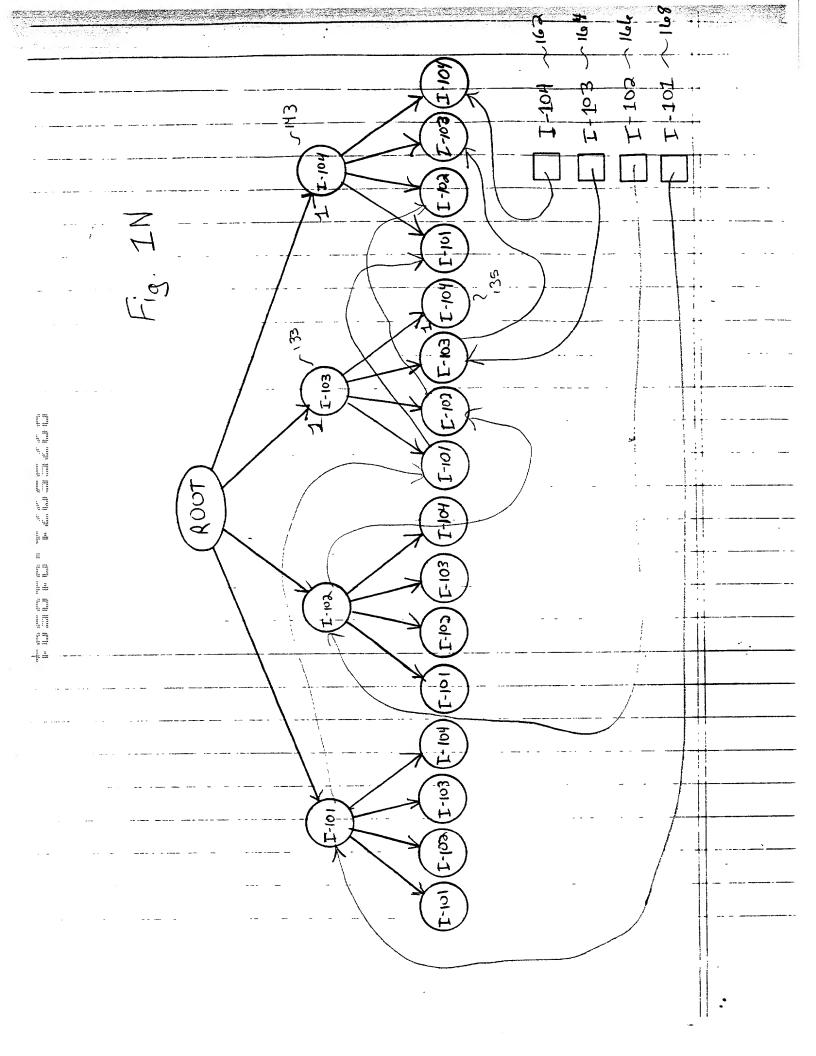












;	187	I-103 148	I-104 143	•		2	2	I-103		Yes	t	2	1		3.7 units			
45	/ 186	Node ID	Node Parent ID	Node Children ID	List	Session Counter	Sequence Length	Last Sequence	Element	Token	Next Linked Node	User Counter	Number Of Original	Intervening Elements	Cumulative Sequence	Interval Time	•••	
				. 														_
nce Tree es	187	I-103 148	I-104 143	1		1	2	I-103		No	1	1	0		1.0 units			
Example Frequency Sequence Tree Node Data Structures	981 /	Node ID	Node Parent ID	Node Children ID	List	Session Counter	Sequence Length	Last Sequence	Element	Token	Next Linked Node	User Counter	Number Of Original	Intervening Elements	Cumulative Sequence	Interval Time	•••	
Example 190			T				1			- 	T	T	I				ļ	7
,	184	I-104 143	1	I-101 146, I-102 147,	I-103 148, I-104 149	1		I-104		Yes		3	0		0			
622	(183	Node ID	Node Parent ID	Node Children	ID List	Session Counter	Semience Length	ı	Element	Token	Next Linked Node	1			Cumulative Sequence	Interval Time	•••	•
		777	172	173		174	775			177	178	179			181			

Figure 10

Figure 1P

Figure 1S

Example Frequent 2-Length Sequence Matrix

Example User/Website Interaction Data (sorted by time)

			_									_		,,				1			1	1		- 1								\neg
199	Interaction	Event Price	112.4	Hign	Low	Medium	Medium	High	Low	Low	Medium	Medium	High	Medium	Medium	Medium	Low	Medium	Medium	Medium	Medium	High	Medium	Medium	High	Very High	High	Medium		Medium	Medium	
198	Interaction	Event	Calcgony	BOOK	CD	Clothes	CD	Book	CD	CD	Clothes	CD	Book	9	G)	Clothes	CD	Clothes	CD	CD	CD	Book	Clothes	CD	Book	ΛL	Book	Clothes		Clothes	Clothes	
195 196 197 198 198	Interaction	Time	0.00	x+01.0	x+02.0	x+02.4	x+03.0	x+04.6	x+05.0	x+05.9	x+06.2	x+06.5	x+07.0	x+07.1	x+08.0	x+08.2	x+08.5	8'60+x	x+10.0	x+10.9	x+11.2	x+12.5	x+13.0	x+13.7	x+14.0	x+14.9	x+15.5	x+16.5		x+18.6	x+19.9	
196	Interaction	Event	Tachiner	1-103	1-101	1-104	I-102	I-103	I-101	1-101	I-104	I-102	I-103	I-102	I-102	I-104	I-101	I-104	I-102	1-102	I-102	I-103	1-104	I-102	I-103	I-105	I-106	I-107	•••	I-149	I-150	•••
195	Browsing	Session		-	2	-	2	2	3	4	2	3	5	4	3	5	9	9	4	9	7	9	7	9	7	9	2	2		2	2	
	User				5	1	S	5	-	2	5		3	2	-	3	4	4	2	4	3	4	3	4	3	4	5	5		5	5	
Evampre ricquem z-cengui sequence iviatios			secona etement	I-101 I-102 I-103 I-104	2	0 3 3	0 1 0	I-104 0 , 1 2 0		first element	7.5.							_														

